



# NC4FX-TOP

4 pole female cable connector, TRUE OUTDOOR PROTECTION (TOP), gold contacts

The X-TOP series is a "heavy-duty" XLR cable connector for outdoor use. Outdoor protected by mating with related cable connector of the XLR TOP range (IP65).

Gold contacts are standard.

## Features & Benefits

- ✓ Heavy-duty sealed XLR connector range for harsh and demanding environment
- ✓ Outdoor protection according to IP65
- ✓ Uses high impact UV resistant materials
- ✓ IEC 61984 certified

## Technical Information

| Product         |           |
|-----------------|-----------|
| Title           | NC4FX-TOP |
| Connection Type | XLR       |
| Gender          | Female    |

| Electrical                |                                 |
|---------------------------|---------------------------------|
| Contact resistance        | $\leq 3\text{ m}\Omega$         |
| Dielectric strength       | 1,5 kVdc                        |
| Insulation resistance     | $> 10\text{ G}\Omega$ (initial) |
| Rated current per contact | 10 A                            |
| Rated voltage             | 50 V                            |

| Mechanical       |                        |
|------------------|------------------------|
| Cable O.D.       | 5.0 – 8.0 mm           |
| Insertion force  | $\leq 20\text{ N}$     |
| Withdrawal force | $\leq 20\text{ N}$     |
| Lifetime         | $> 1000$ mating cycles |
| Wiresize         | $< 2.5\text{mm}^2$     |
|                  | 16 AWG                 |
| Wiring           | Solder contacts        |
| Locking device   | Latch lock             |

| Material        |                                 |
|-----------------|---------------------------------|
| Bushing         | UV-resistant rubber             |
| Contact plating | Gold (Au) over Nickel (Ni)      |
| Contacts        | Brass                           |
| Insert          | Polyamide                       |
| Locking element | St3K32 (latch) / Ck 67 (spring) |
| Shell           | Zinc diecast                    |
| Shell plating   | Nickel                          |
| Strain relief   | Polyacetal                      |
| Sealing jacket  | UV-resistant rubber             |

| Environmental                        |                  |
|--------------------------------------|------------------|
| Flammability acc. to UL94            | V-0 (insert)     |
| Standard compliance                  | IEC 61076-2-103  |
| Protection class acc. IEC 60529      | IP65 (mated)     |
| Solderability acc. to                | IEC 60068-2-20   |
| Temperature range                    | -30 °C to +80 °C |
| Pollution degree acc. to IEC 60664-1 | II               |